

Atty. Docket No.: PF3623USw
S/N 09/936,506

In the Claims:

Please amend the claims as follows:

Please cancel claims 9-28. The applicants reserve the right to pursue the canceled claims in subsequent applications.

1. (Presently amended) A DNA molecule that can be transcribed to provide an RNA molecule having an untranslated region that provides an increased efficiency of translation of a polypeptide when operably linked to the 5' end of a region encoding said polypeptide; wherein said DNA molecule

- (i) does not encode a mammalian Hsp70.
- (ii) does not comprise an hsp promoter; and
- (iii) comprises

(a) the sequence:

5'ataacggctagcctgaggagctgctgcgacagtccactaccttttcgagagt
gactcccgltglcccaaggcttcccagagcgaacctgtgcggctgcaggcaccgggcgct
cgagttccggcgtccggaaggaccgagctcttctcgggatccagtggtccgtttccagcc
cccaatctcagagccgagccgacagagagcagggaaccgc-3',

(b) the complement of the sequence given in (a), or

(c) a sequence having substantial sequence identity with
a sequence as defined in (a) or (b) above.

2. (Previously presented) A DNA molecule according to claim 1,
wherein said untranslated region is a 5' untranslated region.

3. (Previously presented) A DNA molecule according to claim 1
wherein said untranslated region has a ΔG of below -10kCal/mol .

4. (Previously presented) A DNA molecule according to claim 1
wherein said sequence has a ΔG that is below -30kCal/mol .

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5. (Previously presented) A DNA molecule according to claim 1 wherein said sequence has a ΔG that is below -40kCal/mol .

6. (Previously presented) A DNA molecule according to claim 1 wherein said untranslated region has a ΔG of below -50kCal/mol .

7. (Previously presented) A DNA molecule according to claim 1 wherein expression of said polypeptide is heat shock responsive.

8. (Previously presented) An RNA molecule obtainable by transcribing a DNA molecule according to claim 1.

9 – 28 (Canceled)

29. (Presently amended) A DNA molecule according to claim ~~28~~ 1 for use in therapeutic or prophylactic vaccination.

30. (Presently amended) A DNA molecule according to claim ~~28~~ 29 when administered by particle bombardment.

31. (Presently amended) A DNA molecule according to claim ~~28~~ 29 for use in achieving an increased immune response.

32 – 34 (Canceled).